

Contents of Volume 49

Number 1, November 1991

Isolation and functional characterization of snail hemocyte-modulating polypeptide from primary sporocysts of <i>Schistosoma mansoni</i>	1
M.J. Lodes, V.A. Connors and T.P. Yoshino (U.S.A.)	
Diethylcarbamazine inhibits endothelial and microfilarial prostanoid metabolism in vitro	11
N. Kanessa-thasan, J.G. Douglas and J.W. Kazura (U.S.A.)	
Biopterin conversion to reduced folates by <i>Leishmania donovani</i> promastigotes	21
J.T. Beck and B. Ullman (U.S.A.)	
Proteolytic processing of the <i>Plasmodium falciparum</i> merozoite surface protein-1 produces a membrane-bound fragment containing two epidermal growth factor-like domains	29
M.J. Blackman, I.T. Ling, S.C. Nicholls and A.A. Holder, (U.K.)	
Processing of the <i>Plasmodium falciparum</i> major merozoite surface protein-1: identification of a 33-kilodalton secondary processing product which is shed prior to erythrocyte invasion	35
M.J. Blackman, H. Whittle and A.A. Holder (U.K., The Gambia)	
Characterization of a candidate gene for GP72, an insect stage-specific antigen of <i>Trypanosoma cruzi</i>	45
R. Cooper, J.A. Inverso, M. Espinosa, N. Nogueira and G.A.M. Cross (U.S.A.)	
Pathogenic and nonpathogenic <i>Entamoeba histolytica</i> : identification and molecular cloning of an iron-containing superoxide dismutase	61
E. Tannich, I. Bruchhaus, R.D. Walter and R.D. Horstmann (F.R.G.)	
Identification of a common <i>Plasmodium</i> epitope (CPE) recognised by a pan-specific inhibitory monoclonal antibody	73
Q. Cheng, G. Jones, E. Xiang Liu, C. Kidson and A. Saul (Australia, People's Republic of China)	
Cloning and sequence analysis of the <i>Schistosoma mansoni</i> membrane glycoprotein antigen gene GP22	83
M. El-Sherbeini, N. Ramadan, K.A. Bostian and P.M. Knopf (U.S.A.)	
Primary structure of a <i>Plasmodium falciparum</i> rhabdomyo antigen	99
H.J. Brown and R.L. Coppel (Australia)	
Biochemical and molecular characterization of <i>Leishmania pifanoi</i> amastigotes in continuous axenic culture	111
P.M. Rainey, T.W. Spithill, D. McMahon-Pratt and A.A. Pan (U.S.A., Australia)	
Primary structure and localization of a conserved immunogenic <i>Plasmodium falciparum</i> glutamate rich protein (GLURP) expressed in both the preerythrocytic and erythrocytic stages of the vertebrate life cycle	
M.B. Borre, M. Dziegiele, B. Høgh, E. Peterson, K. Riendeck, E. Riley, J.F. Meis, M. Aikawa, K. Nakamura, M. Harada, A. Wind, P.H. Jakobsen, J. Cowland, S. Jepsen, N.H. Azelsen and J. Vuust (U.S.A., Denmark, The Gambia, The Netherlands)	119
An unusual repetitive gene family in <i>Theileria parva</i> which is stage-specifically transcribed	133
H.A. Baylis, S.K. Sohal, M. Carrington, R.P. Bishop and B.A. Allsopp (U.K., Kenya)	
The accumulation and metabolism of a fluorescent ceramide derivative in <i>Plasmodium falciparum</i> -infected erythrocytes	143
K. Haldar, L. Uyetaake, N. Ghori, H.G. Elmendorf and W.-I. Li (U.S.A.)	
Stage-specific expression of plasmoidal proteins containing an antigenic marker of the intraerythrocytic cisternae	157
W.-I. Li, A. Das, J.-Y. Song, J.L. Cray and K. Haldar (U.S.A.)	
Identification of free and conjugated ecdysteroids in cercariae of the schistosome <i>Trichobilharzia ocellata</i>	159
H.D.F.H. Schallig, N.J. Young, R.M. Magee, M. de Jong-Brink and H.H. Rees (The Netherlands, U.K.)	
Another 26-kilodalton glutathione S-transferase of <i>Schistosoma mansoni</i> (Short Communication)	177
M.D. Wright, R.A. Harrison, A.M. Melcher, G.R. Newport and G.F. Mitchell (U.S.A., Australia)	

Number 2, December 1991

Artemisinin (qinghaosu): the role of intracellular hemin in its mechanism of antimalarial action	181
S.R. Meshnick, A. Thomas, A. Ranz, C.-M. Xu and H.-Z. Pan (U.S.A., People's Republic of China)	
Histochemical localization of gene expression in <i>Onchocerca volvulus</i> : in situ DNA hybridization and immunocytochemistry	191
R.S. Tuan, K.J. Shepley, M.M. Mulligan, D. Abraham and F.B. Perler (U.S.A.)	
Characterization of acetylcholinesterase molecular forms of the root-knot nematode, <i>Meloidogyne</i>	205
S. Chang and C.H. Opperman (U.S.A.)	
Carboxy-terminal sequence conservation among variant-specific surface proteins of <i>Giardia lamblia</i>	215
M.R. Mowatt, A. Aggarwal and T.E. Nash (U.S.A.)	
Characterization of an <i>hsp70</i> gene from the human filarial parasite <i>Brugia malayi</i> (Nematoda)	229
N. Rothstein and T.V. Rajan (U.S.A.)	
Genetic hybrids of <i>Plasmodium falciparum</i> identified by amplification of genomic DNA from single oocysts	239
L.C. Ranford-Cartwright, P. Balfe, R. Carter and D. Walliker (U.K.)	
<i>Dirofilaria immitis</i> superoxide dismutase: purification and characterization	245
H.L. Callahan, R.K. Crouch and E.R. James (U.S.A.)	
A <i>Plasmodium falciparum</i> blood stage antigen highly homologous to the glycophorin binding protein GBP	253
D. Nolte, E. Hundt, G. Langsley and B. Knapp (F.R.G., France)	

Polymorphism of the alleles of the merozoite surface antigens MSA1 and MSA2 in <i>Plasmodium falciparum</i> wild isolates from Colombia V.A. Snewin, M. Herrera, G. Sanchez, A. Scherf, G. Langsley and S. Herrera (France, Colombia)	265
Sequence of the gene encoding an immunodominant microneme protein of <i>Eimeria tenella</i> F.M. Tomley, L.E. Clarke, U. Kawazoe, R. Dijkema and J.J. Kok (U.K., The Netherlands)	277
The primary structure of <i>Plasmodium falciparum</i> DNA polymerase δ is similar to drug sensitive δ -like viral DNA polymerases B.A. Fox and D.J. Bzik (U.S.A.)	289
Ribosomal RNA genes of 'pathogenic' and 'nonpathogenic' <i>Entamoeba histolytica</i> are distinct C.G. Clark and L.S. Diamond (U.S.A.)	297
Characterization of trypanosome protein phosphatase 1 and 2A catalytic subunits N.E. Erondu and J.E. Donelson (U.S.A.)	303
Identification of paramyosin as a potential protective antigen against <i>Brugia malayi</i> infection in jirds B.-W. Li, R. Chandrashekhar, R.M. Alvarez, F. Lifitis and G.J. Weil (U.S.A.)	315
Patients infected with <i>Leishmania donovani chagasi</i> can have antibodies that recognize heat shock and acidic ribosomal proteins of <i>Trypanosoma cruzi</i> (Short Communication) D.A. Nafziger, R.F. Recinos, C.A. Hunter and J.E. Donelson (U.S.A.)	325
Sequence conservation among merozoite apical complex proteins of <i>Babesia bovis</i> , <i>Babesia bigemina</i> and other apicomplexa (Short Communication) C.E. Suarez, T.F. McElwain, E.B. Stephens, V.S. Mishra and G.H. Palmer (U.S.A.)	329
Molecular cloning and sequence analysis of a calcium-activated neutral protease (calpain) from <i>Schistosoma mansoni</i> (Short Communication) S.R. Karcz, R.B. Podesta, A.A. Siddiqui, G.A. Dekaban, G.H. Strejan and M.W. Clarke (Canada)	333
Molecular cloning and sequencing of the α -tubulin gene from <i>Schistosoma mansoni</i> (Short Communication) O. Duvaux-Mirel, B. Baratte, C. Dissous and A. Capron (France)	337
Degradation of oxidized insulin A and B chains by the major cysteine proteinase (cruzipain) for <i>Trypanosoma cruzi</i> epimastigotes (Short Communication) A. Raimondi, C. Wernstedt, U. Hellman and J.J. Cazzulo (Argentina, Sweden)	341

